

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASE NUMBER BASED ON ATTACHED WMSA1 ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD

WELLS WITHIN 3000'

- EXISTING GAS WELL
- RECORD GAS WELL

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4423201.512
 E: 535376.070
 NAD27, WV NORTH
 N: 532934.298
 E: 1695563.971
 LAT/LON DATUM-NAD83
 LAT: 39.958214
 LON: -80.585818

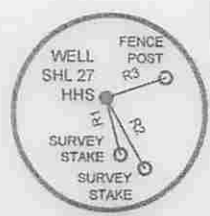
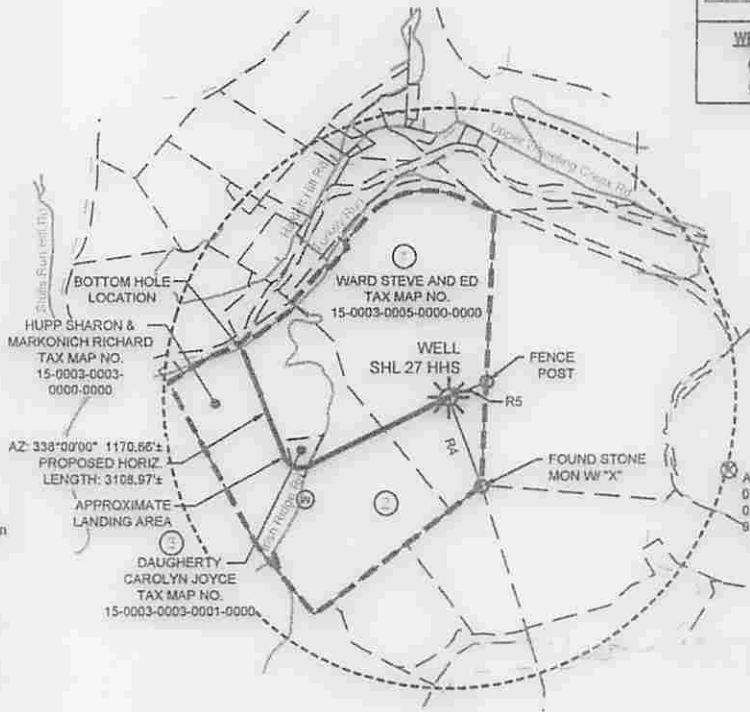
APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4423007.807
 E: 534852.541
 NAD27, WV NORTH
 N: 532327.414
 E: 1693835.443
 LAT/LON DATUM-NAD83
 LAT: 39.956490
 LON: -80.591957

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4423356.248
 E: 534713.407
 NAD27, WV NORTH
 N: 533412.846
 E: 1693396.899
 LAT/LON DATUM-NAD83
 LAT: 39.959455
 LON: -80.593569

- NOTES:**
- There are no water wells or developed springs within 250' of proposed well
 - There are no existing buildings within 625' of proposed well
 - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake
 - There are no native trout streams within 300' of proposed well
 - Proposed well is greater than 1000' from surface/groundwater intake or public water supply
 - It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted



LINE TABLE

LINE	BEARING	DISTANCE
R1	N14°23'32"W	305.09'
R2	N28°58'36"W	420.64'
R3	S71°25'58"W	331.12'
R4	N20°40'22"W	977.40'
R5	S67°25'23"W	427.59'

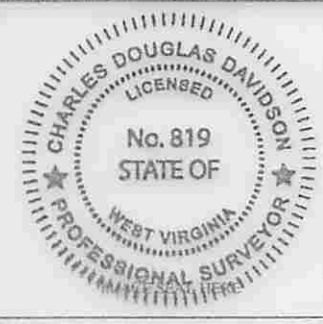


Waterfront Corporate Park III, Suite 101
 2000 Georgetowne Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

FILE #: SHL 27 HHS
 DRAWING #: SHL 27 HHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT U 124: 951.16'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: *Charles Douglas Davidson*
 R.P.E.: _____ L.L.S.: P.S. NO. 819



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS
 WVDEP
 OFFICE OF OIL & GAS
 601 57TH STREET
 CHARLESTON, WV 25304



DATE: NOVEMBER 18, 2014 - JANUARY 6, 2015
 OPERATOR'S WELL #: SHL 27 HHS
 API WELL # 47 051 01815H6A
 STATE COUNTY PERMIT

Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

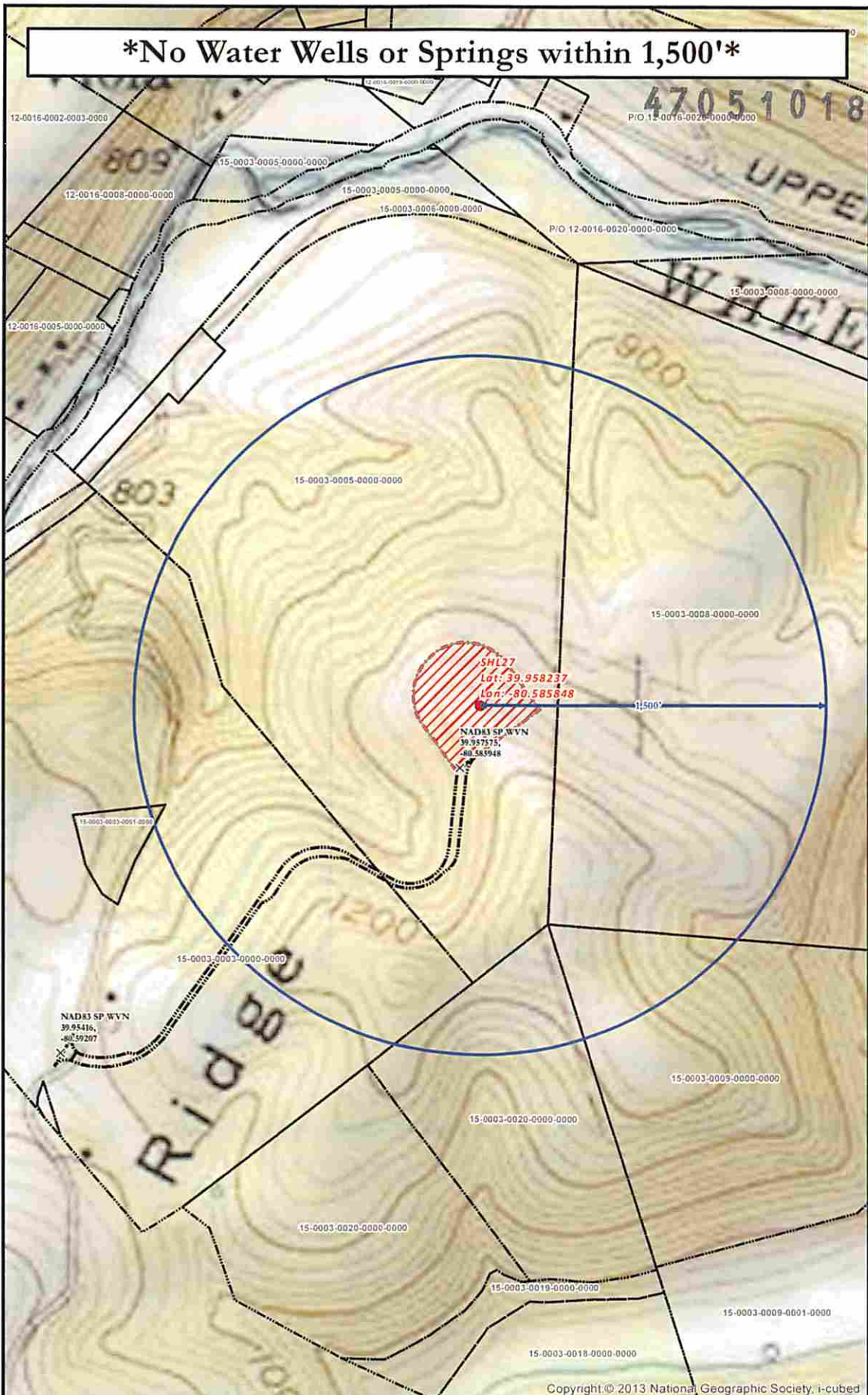
WATERSHED: WHEELING CREEK ELEVATION: 1172'
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MAJORSVILLE, W. VA
 SURFACE OWNER: STEVE WARD AND ED WARD ACREAGE: 122.47
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC ACREAGE: 122.47

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG-OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 8,527 ± TMD: 8,970 ±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GREEN
 Address: 333 TECHNOLOGY DRIVE, SUITE 116 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

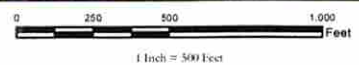
No Water Wells or Springs within 1,500'

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SHL 27 SITE SAFETY PLAN
- SITE WELL LOCATION -



- Well Pad
- Spring
- Water Well
- Intersection
- Access Road
- 1,500' Water Well Buffer
- Well Pad Boundary
- Surface Parcels (Resolved)

Projection: NAD 1927 StatePlane West Virginia North FIPS 4701
Units: Foot-US

****Disclaimer: All data is licensed for use by Noble Energy Inc. use only.****



Date: 12/9/2014

Author:
Christopher Glover

